



United States Air Force

**Scientific Advisory Board**

# Dr. John M. "Mike" Borky

*Private Consultant*

*Vice Chair, USAF Scientific Advisory Board*



## **EDUCATION:**

University of Michigan

Ph.D., Electrical Engineering, 1977

Massachusetts Institute of Technology

M.S., Electrical Engineering, 1969

The Catholic University of America

B.E.E., Electrical Engineering, 1967

## **WORK EXPERIENCE:**

Private Consultant, 2000-Present

TRW, Incorporated

Chief Engineer, Information and Technical Services Strategic Business Unit, 1998-2000

BDM International, Incorporated

Vice President and Chief Scientist, Defense Systems Engineering and Analysts Group, 1992-1998

Senior member of the technical staff and Division Manager

U.S. Air Force, 1967-1992

Commander, Rome Laboratory, 1990-1992

Director of Avionics, Advanced Tactical Fighter SPO, 1987-1990

Commander's Staff, Aeronautical Systems Division, 1985-1986

## **AREAS OF EXPERTISE:**

Digital, RF and analog devices; system architecture and engineering; integrated circuits and sensing devices; high power microwave vulnerability assessment; modular, integrated avionics systems; sensors, cockpit controls and displays; C3I systems; logistics

## **PROFESSIONAL/SCIENTIFIC/HONORARY AFFILIATIONS:**

Senior member of the AIAA, Senior member of the IEEE, AFA, Tau Beta Pi, Sigma Xi, Eta Kappa Nu

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